



## **UniStrip 2300** **Stripping Machine**

- Intuitive color touchscreen user interface
- Networking capability
- LED lighting provides the operator with a clear view of the entire working area
- Very sensitive trigger sensor. Works great for small, flexible wires
- Can strip inner conductors of jacketed cables with very short breakout lengths
- No mechanical adjustments required when changing wire sizes
- Many unique processing functions
- Barcode scanning function
- Wire list processing

# STRIPPING

# UniStrip 2300

## Application Range | Function

The Schleuniger UniStrip 2300 strips wires ranging in size from 0.03 – 8 mm<sup>2</sup> (32 – 8 AWG) and jacketed cables up to 5.5 mm (0.22”) in diameter. This innovative machine does not require any mechanical adjustments to process different wire sizes. Using the color touchscreen, the operator selects the desired wire size from the pre-programmed library and all parameters (cutting diameter, clamping pressure, blade wayback, etc.) are automatically set. Once the operator edits the stripping and pull-off lengths as required, the machine is ready for operation. The UniStrip 2300 begins the stripping process when the wire end touches the trigger sensor. The wire is automatically clamped and the stripping process is performed according to the programmed values. If desired, the program can be saved to internal memory for future use.

## Stripping Possibilities

- Full pull-off, Full pull-off and recut
- Partial pull-off, Partial pull-off and recut
- Multiple strips
- Power cords with different strip lengths
- Sensor cables with short break-out lengths

## Programmable Processing Parameters

- Cutting diameter, cutting speed
- Blade wayback (default values in “Basic Wire”, programmable in “Extended Wire”)
- Stripping length, pull-off length, pull-off speed
- Trimming function (for precise strip lengths)
- Cable clamping pressure

Technical Specifications	
Wire cross section*	0.03 – 8 mm <sup>2</sup> (32 – 8 AWG)
Maximum outer diameter	5.5 mm (0.22”)
Diameter increments	0.01 mm (0.001”)
Minimum stripping length	1.5 mm (0.06”)
Maximum stripping length	46 mm (1.81”) (Stripping length plus pull-off length must be ≤ 53.4 mm [2.10”])
Maximum pull-off length	26 mm (1.02”) (Stripping length plus pull-off length must be ≤ 53.4 mm [2.10”])
Length increments	0.1 mm (0.01”)
Cycle time	0.35 s (0.75 mm <sup>2</sup> wire, stripping length 10 mm (0.4”), pull-off length 5 mm [0.2”])
Cycle start	Automatic trigger sensor or optional foot pedal
Available stripping blades	V-blades
Processable insulation materials	PVC, PUR, rubber, Teflon®, Tefzel®, Kapton, etc.
Cable clamping	Programmable clamping force
Program memory	1000 wires or cables (memory function only with “Extended Wire”) 100 wire lists / max. 40 wires
Interfaces	Foot pedal, USB “Host”
Options	Foot pedal, special clamping jaws
Noise level	< 70 dB (A)
Power Supply	100 / 115 VAC, 230 / 240 VAC, 65 W / 50/60 Hz
Dimension (L x W x H)	390 x 130 x 280 mm (15.3” x 5.1” x 11.0”)
Weight	10 kg (22 lbs.)
CE – conformity	The UniStrip 2300 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
Important note	Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine. *Wires with hard insulations or those that are tightly bonded might not be able to be processed even if they are within the application range stated above. For cross sections larger than 6 mm <sup>2</sup> (10 AWG), sample processing is required.